

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steinmann et al. Art Unit: 1765
Serial No.: 09/852,921 Examiner: Deo, D.
Filing Date: 05/10/2001 Docket No.: TI-29881
Customer No.: 23494 Conf. No.: 5844
Title: METHOD OF INTEGRATING A THIN FILM RESISTOR IN A MULTI-LEVEL
METAL TUNGSTEN-PLUG INTERCONNECT

SUPPLEMENTAL DECLARATION

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

I (We), Philipp Steinmann, Stuart M. Jacobsen, Louis N. Hutter, and Fred D. Bailey, as joint inventors named in the application for letters patent for an improvement in, Serial No. 09/852,921, filed in the United States Patent and Trademark Office on or about the 10th day of May, 2001, declare that I have reviewed and understand the subject matter of the following amendment(s):

Amendment 1.115 filed 11/12/2002
Amendment 1.116 filed 03/31/2003
Amendment 1.116 filed 09/11/2003

that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I further declare that all statements herein made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR <i>P. Steinmann</i> Philipp Steinmann	SIGNATURE OF INVENTOR Stuart M. Jacobsen	SIGNATURE OF INVENTOR Lou Hutter
DATE <i>02/18/02</i>	DATE	DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steinmann et al. Art Unit: 1765
Serial No.: 09/852,921 Examiner: Deo, D.
Filing Date: 05/10/2001 Docket No.: TI-29881
Customer No.: 23494 Conf. No.: 5844
Title: METHOD OF INTEGRATING A THIN FILM RESISTOR IN A MULTI-LEVEL
METAL TUNGSTEN-PLUG INTERCONNECT

SUPPLEMENTAL DECLARATION

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

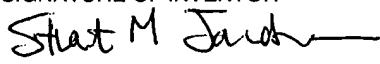
Sir:

I (We), Philipp Steinmann, Stuart M. Jacobsen, Louis N. Hutter, and Fred D. Bailey, as joint inventors named in the application for letters patent for an improvement in, Serial No. 09/852,921, filed in the United States Patent and Trademark Office on or about the 10th day of May, 2001, declare that I have reviewed and understand the subject matter of the following amendment(s):

Amendment 1.115 filed 11/12/2002
Amendment 1.116 filed 03/31/2003
Amendment 1.116 filed 09/11/2003

that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I further declare that all statements herein made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR Philipp Steinmann	SIGNATURE OF INVENTOR  Stuart M. Jacobsen	SIGNATURE OF INVENTOR Lou Hutter
DATE	DATE <u>2/18/04</u>	DATE



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steinmann et al. Art Unit: 1765
Serial No.: 09/852,921 Examiner: Deo, D.
Filing Date: 05/10/2001 Docket No.: TI-29881
Customer No.: 23494 Conf. No.: 5844
Title: METHOD OF INTEGRATING A THIN FILM RESISTOR IN A MULTI-LEVEL
METAL TUNGSTEN-PLUG INTERCONNECT

SUPPLEMENTAL DECLARATION

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

I (We), Philipp Steinmann, Stuart M. Jacobsen, Louis N. Hutter, and Fred D. Bailey, as joint inventors named in the application for letters patent for an improvement in, Serial No. 09/852,921, filed in the United States Patent and Trademark Office on or about the 10th day of May, 2001, declare that I have reviewed and understand the subject matter of the following amendment(s):

Amendment 1.115 filed 11/12/2002
Amendment 1.116 filed 03/31/2003
Amendment 1.116 filed 09/11/2003

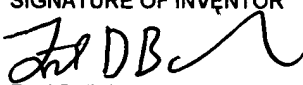
that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I further declare that all statements herein made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR Philipp Steinmann	SIGNATURE OF INVENTOR Stuart M. Jacobsen	SIGNATURE OF INVENTOR <i>Louis N. Hutter</i> Louis N. Hutter
DATE	DATE	DATE <i>Mar 1, 2004</i>

SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
Philipp Steinmann	Stuart M. Jacobsen	Lou Hutter
DATE	DATE	DATE

TI-29881
 Supplemental Declaration
 Page 2

SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR	SIGNATURE OF INVENTOR
 Fred D. Bailey		
DATE 2/29/04	DATE	DATE